



IFOY Innovation Check (Feb 12, 2020): STILL RX 60
Category: Counter Balanced Truck

Market relevance

In the 2.5 to 3.5 ton load capacity range, electric counterbalanced trucks are generally considered to be of high market relevance due to the possible replacement of diesel engines. The new RX 60 confirms this with convincing performance data and thorough re-engineering. Flexibly configurable versions can be relevant for different areas of the market and become interesting for a replacement of diesel powered trucks.

Customer benefit

The presented machine is the further development of the RX 60, which brings a number of improvements. For the customer, this becomes clear in new functional and safety features. Examples are extended functions in the control unit or the automatic parking brake. The increase in performance is seen as the most important customer benefit. The replacement of a comparable diesel forklift truck, which thus appears attractive, will allow customers to benefit from the advantages of electric drives more easily. Particularly noteworthy is the retained and improved principle of the side-changeable battery, which allows a high degree of flexibility. Customer-specific configurations are possible thanks to the unproblematic compatibility with conventional or Li-Ion batteries.

Novelty

New and improved solutions are present in the new RX 60 in many details, which makes the truck appear highly innovative as a whole. The high performance data, which are simultaneously achieved in an energy-efficient manner, are due to the high manufacturing depth of Still. Components such as inverters, etc. are adapted directly to the product and lead, for example, to the shortest possible cable paths in order to minimize losses. Integrated sensors offer possibilities for monitoring and actively influencing the operating movements. The innovations presented can be fully confirmed. They lead comprehensively to the improvement of ergonomics, to the increase of performance and safety.

Functionality / type of implementation

The improvements in ergonomics, functionality and the field of view have been implemented at a high professional level. The drive system with two motors convinces by precise and sensitive driving even at full steering angle. The result is an exemplary solution with improved features in terms of ergonomics, performance and safety.

Market relevance	+
Customer benefit	++
Novelty / degree of innovation	++
Functionality / type of implementation	++
++ very good / + good / Ø balanced / - less / -- not available	